| Index of Claims |            |          |          |   |          |          |                     |           |                               |          |              |            | Ap              | Application No. |             |             |          |                 |          |       |          |              | Applicant(s)      |           |               |           |          |              |              |                 |  |
|-----------------|------------|----------|----------|---|----------|----------|---------------------|-----------|-------------------------------|----------|--------------|------------|-----------------|-----------------|-------------|-------------|----------|-----------------|----------|-------|----------|--------------|-------------------|-----------|---------------|-----------|----------|--------------|--------------|-----------------|--|
|                 |            |          |          |   |          |          |                     |           |                               |          |              |            | 10/727,266      |                 |             |             |          |                 |          |       |          | ENDOH ET AL. |                   |           |               |           |          |              |              |                 |  |
|                 |            |          |          |   |          |          |                     |           |                               |          |              |            | Examiner        |                 |             |             |          |                 |          |       |          |              | Art Unit          |           |               |           |          |              |              |                 |  |
|                 |            |          |          |   |          |          |                     |           |                               |          |              |            |                 |                 |             |             |          |                 |          |       |          |              |                   |           |               |           |          |              |              |                 |  |
| Ina             |            |          |          |   |          |          |                     |           |                               |          |              |            |                 | Thao P. Le      |             |             |          |                 |          |       |          |              | 28                |           |               |           |          |              |              |                 |  |
| [ <del></del>   |            |          |          |   |          |          |                     |           |                               |          |              |            |                 |                 | 7           |             |          |                 |          |       | 1        | П            |                   |           |               |           |          | ٦            |              |                 |  |
| √ Rejected      |            |          |          |   |          |          |                     | -         | (Through numeration Cancelled |          |              |            |                 |                 | al) Non-Ele |             |          |                 |          | Elec  | ted      |              | $ _{\mathbf{A}} $ | Appeal    |               |           |          |              |              |                 |  |
|                 |            |          |          |   |          |          | -                   |           |                               |          |              |            |                 |                 |             |             |          |                 |          |       |          |              |                   |           |               |           | $\dashv$ |              |              |                 |  |
| = Allowed       |            |          |          |   |          |          |                     |           | ÷                             |          | R            | Restricted |                 |                 |             | I Interfere |          |                 | erei     | ıce   |          | 0            | Objected          |           |               |           |          |              |              |                 |  |
|                 |            | Щ        |          |   |          |          |                     | L         |                               |          |              |            |                 |                 |             |             |          | L               |          |       |          | J            | ш                 |           |               | -         |          |              | _            |                 |  |
| Cla             | Date       |          |          |   |          | •        |                     | _         | Claim                         |          |              |            | Da              |                 | te          |             |          |                 | С        | laim  |          |              | Date              |           |               |           |          |              |              |                 |  |
| ল               | nal        | 9        |          |   |          |          |                     |           |                               |          | ਕ            | ॿ          |                 |                 |             |             |          |                 |          |       | 707      | la l         |                   |           |               |           |          |              |              |                 |  |
| Final           | Original   | 10/29/04 |          |   |          |          |                     |           |                               | 1        | Final        | Original   |                 |                 |             |             |          |                 | ļ        |       | Final    | Original     |                   |           |               |           |          |              |              |                 |  |
|                 |            |          |          |   |          |          | _                   | _         | 4                             | 4        |              | ļ          |                 | _               | $\perp$     |             | <b> </b> |                 | _        | 4     |          | i            | $\vdash$          | 4         | _             | 4         | _        | _            | 1            | _               |  |
|                 | _ <u>1</u> | ÷        |          |   | $\dashv$ | $\dashv$ | $\dashv$            | +         | +                             | ተ∭       | <u> </u>     | 51<br>52   | ╁               | _               | +           | ╁           | +-       |                 | +        | -     |          | 101          | H                 | -         |               | $\dashv$  | +        |              | +            | H               |  |
|                 | 3          |          |          |   |          |          |                     |           |                               | ]        |              | 53         |                 |                 |             |             |          |                 |          |       |          | 103          |                   | 1         |               | 1         |          |              |              |                 |  |
|                 | 5          | _        |          |   |          | $\dashv$ | -                   | +         | +                             | -        |              | 54<br>55   | H               | $\dashv$        | +           | +           | -        |                 |          | -     | _        | 104<br>105   | $\vdash$          |           | +             | +         | +        | _            | -            | $\blacksquare$  |  |
|                 | 6          |          |          |   |          |          | _                   | +         |                               | 1        |              | 56         | $\vdash$        | $\dagger$       | +           |             |          |                 |          |       |          | 106          |                   |           | $\dagger$     |           | $\top$   |              | +-           |                 |  |
|                 | 7          |          |          |   |          |          |                     | 1         |                               | ]:::     |              | 57         |                 | 4               | $\bot$      | $\perp$     | -        |                 | 1        | _     |          | 107          |                   | _         |               | _         | $\perp$  |              |              |                 |  |
|                 | 8          | $\vdash$ |          |   |          |          | +                   | +         | +                             | $\dashv$ |              | 58<br>59   | $\vdash$        | +               | +           | +           | 1        | H               | +        | -     |          | 108<br>109   |                   | +         | $\dashv$      | +         | +        | +-           |              | Н               |  |
|                 | 10         |          |          | - |          |          |                     |           |                               | ]        |              | 60         |                 |                 |             |             |          |                 |          |       |          | 110          |                   |           |               |           |          |              |              |                 |  |
|                 | 11         |          |          |   |          | _        | $\dashv$            | 4         | +                             | -        |              | 61<br>62   | $\vdash$        | 4               | +           | _           | -        | $\sqcup$        | +        | -     |          | 111<br>112   |                   | 4         | $\dashv$      |           | -        | +            | -            | Н               |  |
| -               | 12<br>13   |          |          |   |          | -        |                     | +         | +                             | +::::    |              | 63         | $\vdash$        | ╅               | +           | ╁           | +        |                 | +        | 1     | $\vdash$ | 113          |                   | $\dashv$  | +             | +         | _        | +            | +-           | Н               |  |
|                 | 14         |          |          |   |          |          |                     | $\Box$    |                               |          |              | 64         |                 | 1               | Ţ           |             | $\Box$   |                 |          | ]     |          | 114          |                   |           |               |           | $\Box$   | Ţ            |              |                 |  |
|                 | 15<br>16   | _        |          |   | -        |          | +                   | +         | +                             | -        |              | 65<br>66   | $\vdash$        | +               | +           |             | ╁        |                 |          | -     | <u> </u> | 115<br>116   |                   |           | +             | +         | +        | ╁            | ╁            | Н               |  |
|                 | 17         |          |          |   |          |          |                     | $\dagger$ | $\dagger$                     |          |              | 67         |                 |                 |             |             |          |                 |          |       |          | 117          | 1 1               |           |               | 1         |          | İ            | 土            |                 |  |
|                 | 18         |          | _        |   |          |          |                     | $\perp$   | _                             | 4        | <u> </u>     | 68         |                 |                 | 1           | _           |          |                 | 4        | -     |          | 118<br>119   | $\square$         |           | $\dashv$      | 4         | -        | 4-           | -            | -               |  |
|                 | 19<br>20   | -        | -        |   |          |          | +                   | +         | +                             | -        |              | 69<br>70   | $\vdash$        | +               | +           | +           | +        |                 |          | -     |          | 120          |                   | +         | $\dashv$      | +         | $\dashv$ | ╁            | ┽┈           | Н               |  |
|                 | 21         |          |          |   |          |          |                     |           | 1                             | ]        |              | 71         | П               |                 | 1           | 工           |          |                 | $\Box$   | ]!!!  |          | 121          |                   |           | $\Box$        | 1         |          | #            |              |                 |  |
|                 | 22<br>23   | _        | $\dashv$ |   | Н        |          | $\dashv$            | -         | +                             | -        |              | 72<br>73   | Н               | +               |             | -           | +        |                 | -        | -     |          | 122<br>123   |                   | +         | $\dashv$      | +         | +        | +            | +            | Н               |  |
|                 | 24         |          |          |   |          |          |                     |           | $\pm$                         | <u> </u> |              | 74         |                 | $\perp$         | $\perp$     | 1           |          |                 | İ        |       |          | 124          |                   |           |               | 1         |          |              |              |                 |  |
|                 | 25         | _        |          | _ |          |          | $\Box$              | 4         | 1                             | 4        |              | 75<br>76   | $\sqcup$        | 1               | +           | +           | $\bot$   |                 |          | -     | <u> </u> | 125<br>126   |                   | 4         | $\dashv$      | 4         |          | -            | +            | dash            |  |
|                 | 26<br>27   | -        |          | - |          |          | $\dashv$            | +         | +                             | 1        | -            | 77         | $\vdash$        | +               | +           | +           | +        | $\vdash$        |          | -     |          | 127          |                   | .         | +             | +         | $\dashv$ | ╁            | +            | Н               |  |
|                 | 28         |          |          |   |          |          |                     | 1         | 1                             |          |              | 78         |                 | 1               | 1           | Ī           | 工        |                 |          |       |          | 128          | П                 |           | $\Box$        | $\Box$    |          |              | $\bot$       |                 |  |
|                 | 29<br>30   | _        |          |   |          |          | -                   | +         | +                             | -        | -            | 79<br>80   | $\vdash$        | +               | +           | +-          | ╀        | $\vdash$        |          | -     | <u> </u> | 129<br>130   |                   | _         |               | +         | +        | +            | +-           | Н               |  |
|                 | 31         |          |          | - |          | -        |                     | 1         | $\top$                        | J        |              | 81         |                 |                 | 1           |             |          |                 |          | ]     |          | 131          |                   |           |               |           |          | İ            | 士            |                 |  |
|                 | 32         | ÷        |          | · |          |          | $\Box$              | 1         | $\bot$                        | ]        |              | 82         | П               | 4               | 4           | $\bot$      |          |                 |          | 4     | <u> </u> | 132          |                   | _         |               | _         | _        | _            | _            |                 |  |
|                 | 33<br>34   | $\vdash$ | -        |   |          | -        | -                   | +         | +                             | -        |              | 83<br>84   | H               | +               | +           | ╁           | +-       | Н               | _        | -     |          | 133<br>134   |                   | $\dashv$  | $\dashv$      | +         | +        | +            | +-           | Н               |  |
|                 | 35         |          |          |   |          |          |                     | 1         |                               | ]        |              | 85         |                 | 1               | 1           | 工           | 工        |                 |          | ]     |          | 135          |                   |           |               |           |          |              |              |                 |  |
|                 | 36<br>37   |          |          |   |          |          | $\vdash$            | -         | +                             | -        | <u> </u>     | 86<br>87   | $\vdash$        | +               | +           | +           | +        | H               | $\dashv$ | -     |          | 136<br>137   | H                 | -         | +             | $\dashv$  | +        | +            | -            |                 |  |
|                 | 38         |          |          |   |          |          |                     | +         | _                             | †!!!     | <del> </del> | 88         | $\vdash$        | +               | +           | +-          | +        | Н               | +        | 7     | 1        | 138          |                   | 7         | 十             | $\top$    | _        | $\dagger$    | +            |                 |  |
|                 | 39         |          |          |   |          |          |                     | 7         |                               | ]        |              | 89         | П               |                 | 4           | $\bot$      | $\bot$   |                 | 1        | _:::: |          | 139          |                   | _         | $\Box$        | $\Box$    |          | _            |              |                 |  |
|                 | 40<br>41   | -        | -        |   |          | $\dashv$ |                     | +         | +                             | -        | <u> </u>     | 90<br>91   | $\vdash$        | +               | +           | +           | +        | $\vdash$        | +        | -     | -        | 140<br>141   | +                 | +         | -             | +         | +        | +            | +            | $\vdash$        |  |
|                 | 42         |          |          |   |          |          |                     | 寸         |                               |          |              | 92         |                 | $\downarrow$    | $\pm$       |             |          |                 |          | ]     |          | 142          |                   | $\exists$ | $\Rightarrow$ | $\perp$   |          | $\downarrow$ |              | 口               |  |
|                 | 43         | <u> </u> | Щ        | _ | $\vdash$ |          | $\vdash \downarrow$ | $\bot$    | -                             | 4        | _            | 93<br>94   | $\prod$         |                 | +           | +           | 1        | Н               | -        | -     | <u> </u> | 143<br>144   |                   | $\dashv$  | +             |           | +        | +            | +-           | $\vdash \vdash$ |  |
|                 | 44<br>45   | -        |          | - | Н        | H        | $\vdash \vdash$     | +         | +                             | $\dashv$ | 1            | 95         | $\vdash \vdash$ | +               | +           | +           | +        | $\vdash$        | _        | 7     |          | 145          |                   | _         | +             | $\dagger$ | _        | _            | <del> </del> | H               |  |
|                 | 46         |          |          |   |          |          |                     | 1         | 1                             | ]        |              | 96         | П               | $\downarrow$    |             | $\bot$      | $\top$   | П               | 1.       | ]     |          | 146          |                   | $\Box$    |               | 1         | 1        | $\downarrow$ | $\bot$       |                 |  |
|                 | 47<br>48   | $\vdash$ | Н        |   | Н        | Н        | $\vdash \vdash$     | +         | +                             | -        | -            | 97<br>98   |                 | +               | +           | +-          | +        | $\vdash \vdash$ | +        | -     | $\vdash$ | 147<br>148   |                   | $\dashv$  | +             | +         | +        | +            | +-           | -               |  |
|                 | 49         |          |          |   |          |          |                     | 1         |                               |          |              | 99         |                 | 1               | 土           | ┸           |          |                 | $\perp$  |       |          | 149          |                   |           |               | 士         | 士        | $\perp$      | 士            |                 |  |
|                 | 50         |          |          |   |          | LJ       | $oxed{L}$           |           | $\perp$                       | _];;;;   |              | 100        | $\coprod$       |                 | $\bot$      |             |          |                 |          |       | <u></u>  | 150          | oxdot             |           |               | $\perp$   |          |              |              |                 |  |